

03-29-00

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PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>		Attorney Docket No.	1322/2
		First Inventor or Application Identifier	Miller et al.
		Title	See 1 in Addendum
		Express Mail Label No.	EJ227696673US

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input checked="" type="checkbox"/> Specification [Total Pages <u>58</u> ] <small>(preferred arrangement set forth below)</small> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>11</u> ] 4. Oath or Declaration [Total Pages <u>    </u> ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <small>(for continuation/divisional with Box 16 completed)</small> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	5. <input type="checkbox"/> Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
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ACCOMPANYING APPLICATION PARTS	
7. <input type="checkbox"/>	Assignment Papers (cover sheet & document(s))
8. <input type="checkbox"/>	37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>
9. <input type="checkbox"/>	English Translation Document (if applicable)
10. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
11. <input type="checkbox"/>	Preliminary Amendment
12. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>
13. <input type="checkbox"/>	* Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application <small>(PTO/SB/09-12)</small> Status still proper and desired
14. <input type="checkbox"/>	Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>
15. <input checked="" type="checkbox"/>	Other: <u>Unexecuted Declaration</u>

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: See 2 in Addendum

Prior application information: Examiner See 2 in Addendum Group / Art Unit: See 2 in Addendum

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label ☒ Correspondence address below

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Name (Print/Type)	Richard E. Jenkins	Registration No. (Attorney/Agent)	28,428
Signature	<i>Richard E. Jenkins</i>	Date	3-29-00

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## Addendum

1. METHODS AND SYSTEMS FOR PROVIDING DATABASE NODE ACCESS  
CONTROL FUNCTIONALITY IN A COMMUNICATIONS NETWORK ROUTING  
NODE

2.

U.S. Patent Application Serial No. 09/205,809

Group Art Unit: 2738

Examiner: Tsegaye, S.

and

U.S. Patent Application Serial No. 09/443,712

Group Art Unit: 2742

Examiner: Not Assigned

JENKINS & WILSON, P.A.

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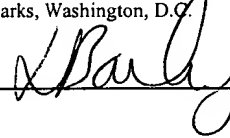
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GREGORY A. HUNT

March 29, 2000

"Express Mail" mailing number.: EJ227696673US

Date of Deposit March 29, 2000

I hereby certify that this paper or fee is being deposited with the United States  
Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R.  
1.10 on the date indicated above and is addressed to the Commissioner of  
Patent and Trademarks, Washington, D.C.  
Lynette M. Bailey



Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Re: U.S. Utility Patent Application for METHODS AND SYSTEMS FOR  
PROVIDING DATABASE NODE ACCESS CONTROL FUNCTIONALITY IN  
A COMMUNICATIONS NETWORK ROUTING NODE  
Our File No. 1322/2

Sir:

Please find enclosed the following:

1. A U.S. utility patent application for METHODS AND SYSTEMS FOR PROVIDING DATABASE NODE ACCESS CONTROL FUNCTIONALITY IN A COMMUNICATIONS NETWORK ROUTING NODE (58 pages);
2. Eleven (11) sheets of drawings;
3. Unexecuted Declaration (Form PTO/SB/01, 3 pages);
4. Utility Patent Application Transmittal Form (Form PTO/SB/05) (2 pages);
5. Fee Transmittal Form (Form PTO/SB/17) in duplicate;
6. A return-receipt postcard to be returned to our offices with the U.S. Patent and Trademark Office date stamp thereon; and

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

## Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ ) 2,352.00

**Complete if Known**

Application Number	
Filing Date	Herewith
First Named Inventor	Miller et al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	1322/2

**METHOD OF PAYMENT (check one)**

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
Deposit Account Name☐ Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17☐ Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code (\$)	Entity Fee (\$)	Small Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	690.00
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$ ) 690.00</b>

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
108	-20** = 88	x 18	= 1,584
4	-3** = 1	x 78	= 78
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

Large Fee Code (\$)	Entity Fee (\$)	Small Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
103	22	203	11	Claims in excess of 20	
102	82	202	41	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	82	209	41	** Reissue independent claims over original patent	
110	22	210	11	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					<b>(\$ ) 1,662.00</b>

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code (\$)	Entity Fee (\$)	Small Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	0.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	0.00
139	130	139	130	Non-English specification	0.00
147	2,520	147	2,520	For filing a request for reexamination	0.00
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0.00
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0.00
115	110	215	55	Extension for reply within first month	0.00
116	400	216	200	Extension for reply within second month	0.00
117	950	217	475	Extension for reply within third month	0.00
118	1,510	218	755	Extension for reply within fourth month	0.00
128	2,060	228	1,030	Extension for reply within fifth month	0.00
119	310	219	155	Notice of Appeal	0.00
120	310	220	155	Filing a brief in support of an appeal	0.00
121	270	221	135	Request for oral hearing	0.00
138	1,510	138	1,510	Petition to institute a public use proceeding	0.00
140	110	240	55	Petition to revive - unavoidable	0.00
141	1,320	241	660	Petition to revive - unintentional	0.00
142	1,320	242	660	Utility issue fee (or reissue)	0.00
143	450	243	225	Design issue fee	0.00
144	670	244	335	Plant issue fee	0.00
122	130	122	130	Petitions to the Commissioner	0.00
123	50	123	50	Petitions related to provisional applications	0.00
126	240	126	240	Submission of Information Disclosure Stmt	0.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	0.00
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	0.00
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	0.00
Other fee (specify)					0.00
Other fee (specify)					0.00
<b>SUBTOTAL (3)</b>					<b>(\$ ) 0.00</b>

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name Richard E. Jenkins

Signature

Richard E. Jenkins

Date

3-29-00

**Complete (if applicable)**

Reg. Number

28,428

Deposit Account User ID

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